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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/714,088
	Filing Date	November 14, 2003
	First Named Inventor	Sidgata V. Sreenivasan
	Art Unit	Unassigned
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	P69-11-03

ENCLOSURES (Check all that apply)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: McMackin et al.

PATENT APPLICATION

Serial No.: 10/714,088

Group Art Unit: Unassigned

Filing Date: October 2, 2003

Examiner: Unassigned

For: DISPENSE GEOMETRY TO ACHIEVE HIGH SPEED FILLING AND THROUGHPUT

INFORMATION DISCLOSURE STATEMENT

Commissioner

for Patents

Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with Applicants' duty of disclosure under 37 C.F.R. § 1.56. Form PTO-1449 and a copy of each reference recited below accompanies this document. It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

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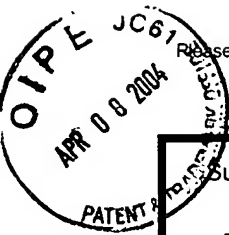
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet <u>1</u> of <u>6</u>				Complete if Known	
				Application Number	10/714,088
				Filing Date	11/14/2003
				First Named Inventor	McMackin et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	P69/MII-29-11-03

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	B1	3,827,027		Heisler	04-30-1974	
	B2	3,807,029		Troeger	04-30-1974	
	B3	3,811,665		Seelig	05-21-1974	
	B4	4,062,600		Wyse	12-13-1977	
	B5	4,098,001		Watson	07-04-1978	
	B6	4,155,169		Drake et al.	05-22-1979	
	B7	4,202,107		Watson	05-13-1980	
	B8	4,337,579		De Fazio	07-06-1982	
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	B10	4,414,750		De Fazio	11-15-1983	
	B11	4,440,804		Milgram	04-03-1984	
	B12	4,544,572		Sandvig et al.	10-01-1985	
	B13	4,610,442		Oku et al.	09-09-1986	
	B14	4,694,703		Routson	09-22-1987	
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	B16	4,929,083		Brunner	05-29-1990	
	B17	4,959,252		Bonnebat et al.	09-25-1990	
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	B20	5,126,006		Cronin et al.	06-30-1992	
	B21	5,204,739		Domenicali	04-20-1993	
	B22	5,240,550		Boehnke et al.	08-31-1993	
	B23	5,348,616		Hartman et al.	09-20-1994	
	B24	5,392,123		Marcus et al.	02-21-1995	
	B25	5,452,090		Progler et al.	09-19-1995	
	B26	5,512,131		Kumar et al.	04-30-1996	
	B27	5,515,167		Ledger et al.	05-07-1996	
	B28	5,545,367		Bae et al.	08-13-1996	
	B29	5,566,584		Briganti	10-22-1996	
	B30	5,633,505		Chung et al.	05-27-1997	
	B31	5,723,176		Keyworth et al.	03-03-1998	
	B32	5,753,014		Van Rijn	05-19-1998	
	B33	5,760,500		Kondo et al.	06-02-1998	
	B34	5,802,914		Fassler et al.	09-08-1998	
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				Application Number	10/714,088
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				First Named Inventor	McMackin et al.
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				Examiner Name	Unassigned
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/714,088
Filing Date	11/14/2003
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Sheet	5	of	6	Attorney Docket Number	P69/MII-29-11-03

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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	B75	MERLET, "Parallel Manipulators: State of the Art Perspectives," Advanced Robotics, 1994, pp. 589-596, vol. 8.	
	B76	ANANTHASURESH et al., "Strategies for Systematic Synthesis of Compliant MEMS," ASME, DSC-vol. 55-2, Dynamic Systems and Control, 1994, pp. 677-686, vol. 2.	
	B77	HOWELL et al., "Loop-Closure Theory for the Analysis and Synthesis of Compliant Mechanisms," Journal of Mechanical Design, March 1996, pp. 121-125, vol. 118.	
	B78	PERNETTE et al., "Design of Parallel Robots in Microrobotics," Robotica, July-August 1997, pp. 417-420, vol. 15, no. 4.	
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	B81	KANETOMO et al., "Robot for Use in Ultrahigh Vacuum," Solid State Tech., August 1997, pp. 63-64, 69-72.	
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Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/714,088
				Filing Date	11/14/2003
				First Named Inventor	McMackin et al.
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	6	of	6	Attorney Docket Number	P69/MII-29-11-03

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B86	TAJBAKSH et al., "Three-Degree-of-Freedom Optic Mount for Extreme Ultraviolet Lithography," ASPE, 1998, pp. 359-362, vol. 18.	
	B87	LEE et al., "Ultra Precision Positioning System for Servo Motor-Piezo Actuator Using the Dual Servo Loop and Digital Filter Implementation," ASPE, 1998, pp. 287-290, vol. 18.	
	B88	OHYA et al., "Development of 3-DOF Finger Module for Micro Manipulation," Proc. of the 1999 IEEE/RSJ, Intl. Conf. on Intelligent Robots and Systems, 1999, pp. 894-899.	
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	B90	RUCHHOEFT et al., "Patterning Curved Surfaces: Template Generation by Ion Beam Proximity Lithography and Relief Transfer by Step and Flash Imprint Lithography," Journal of Vacuum Science and Technology, 1999, pp. 2965-2982, vol. 17.	

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